

**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**BIOLOGICAL SYSTEMS FOR MANUFACTURE OF POLYHYDROXYALKANOATE POLYMERS CONTAINING 4-HYDROXYACIDS**

the specification of which (check one)

\_\_\_\_\_ is attached hereto

was filed on September 18, 1998  
as application Serial No. 09/156809

\_\_\_\_\_ and was amended on: \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)	Priority Claimed
_____	_____
_____	_____
_____	_____

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
<u>60/059,373</u> (Number)	<u>September 19, 1997</u> (Day/Month/Year Filed)
_____	_____
_____	_____

U.S.S.N. 09/156,809

Title: \*BIOLOGICAL SYSTEMS FOR MANUFACTURE OF POLYHYDROXYALKANOATE  
POLYMERS CONTAINING 4-HYDROXYACIDS  
By: Gjalt W. Huisman, Frank A. Skraly, David P. Martin and Oliver P. Peoples  
Filed: September 18, 1998  
DECLARATION FOR PATENT APPLICATION

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	Status (patented, pending, abandoned)

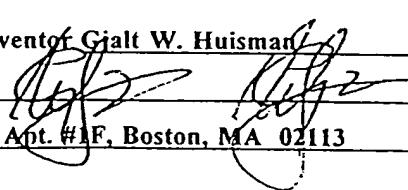
As named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Patrea L. Pabst	31,284
Collen A. Beard	38,824
Robert A. Hodges	41,074
Kevin W. King	42,737

Send Correspondence to: Patrea L. Pabst, Esq.  
ARNALL GOLDEN & GREGORY LLP  
2800 One Atlantic Center  
1201 W. Peachtree Street  
Atlanta, GA 30309-3450

Direct telephone calls to: Patrea L. Pabst (404) 873-8794

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Gjalt W. Huisman  
Inventor's signature  Date 9/30/98  
Residence 52 Salem Street, Apt. #1F, Boston, MA 02113  
Citizenship Dutch  
Post Office Address 52 Salem Street, Apt. #1F, Boston, MA 02113

U.S.S.N. 09/156,809

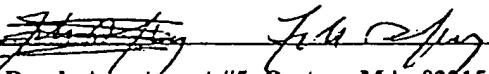
Title: "BIOLOGICAL SYSTEMS FOR MANUFACTURE OF POLYHYDROXYALKANOATE  
POLYMERS CONTAINING 4-HYDROXYACIDS

By: Gjalt W. Huisman, Frank A. Skraly, David P. Martin and Oliver P. Peoples

Filed: September 18, 1998

DECLARATION FOR PATENT APPLICATION

Full name of second inventor Frank Skraly

Inventor's signature 

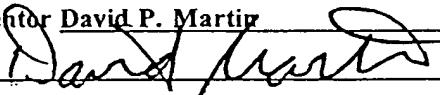
Date 9/30/98

Residence 39 Bay State Road, Apartment #5, Boston, MA 02215

Citizenship United States of America

Post Office Address 39 Bay State Road, Apartment #5, Boston, MA 02215

Full name of third inventor David P. Martin

Inventor's signature 

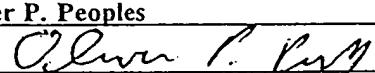
Date 9/30/98

Residence 33 Hemlock Road, Arlington, MA 02174

Citizenship United States of America

Post Office Address 33 Hemlock Road, Arlington, MA 02174

Full name of fourth inventor Oliver P. Peoples

Inventor's signature 

Date 9/30/98

Residence 303 Third Street, 2nd Floor, Cambridge, MA 02142-1196

Citizenship Scottish

Post Office Address 303 Third Street, 2nd Floor, Cambridge, MA 02142-1196

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Gjalt W. Huisman, Frank Skraly, David P. Martin, and Oliver P. Peoples

Serial No: 09/156,809 Art Unit: 1652

Filed: September 18, 1998 Examiner: C. Patterson

For: **BIOLOGICAL SYSTEM FOR MANUFACTURE OF  
POLYHYDROXYALKANOATE POLYMERS CONTAINING  
4-HYDROXY ACIDS**

Assistant Commissioner  
for Patents  
Washington, D. C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
AND REVOCATION OF PRIOR POWERS**

Sir:

As owner of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and the following attorneys and agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Patrea L. Pabst  
Zhaoyang Li

Please send all correspondence relating to the above-identified patent application to:

Patrea L. Pabst  
**HOLLAND & KNIGHT LLP**  
One Atlantic Center, Suite 2800  
1201 West Peachtree Street  
Atlanta, Georgia 30309-3400

(404) 817-8473 - Telephone  
(404) 817-8588 - Telefax

U.S.S.N. 09/156,809  
Filed : September 18, 1998  
Power of Attorney by Assignee of  
Interest and Revocation of Prior Powers

The undersigned signatory (whose title is supplied below) is empowered to act on behalf of the assignee identified below, and has reviewed all the documents in the chain of title of the patent application and, to the best of undersigned's knowledge and belief, title is in the assignee.

Metabolix, Inc.

By: Oliver P. Puff  
Name: OLIVER P. PEOPLES  
Title: VP R&D, CSO

Date: May 22, 2001

ATL1#394861 v1

ATL1#394861 v1

MBX 017

PTO/98/96 (6-98)

Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Gjalt W. Huisman, et al.Application No./Patent No.: 09/156,809 Filed/Issue Date: September 18, 1998Entitled: Biological System for Manufacture of Polyhydroxyalkanoate Polymers Containing 4-Hydroxy AcidsMetabolix, Inc. , a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9509, Frame 0513, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

MAY 22, 2001  
DateOliver P. Peoples  
SignatureOLIVER P. PEOPLES  
Typed or printed nameVPR&D, C50  
Title



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 05, 1999

PTAS

ARNALL GOLDEN & GREGORY, LLP  
PATREA L. PABST  
2800 ONE ATLANTIC CENTER  
1201 WEST PEACHTREE STREET  
ATLANTA, GA 30309-3450



\*100856759A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/13/1998

REEL/FRAME: 9509/0513

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HUISMAN, GJALT W.

DOC DATE: 09/30/1998

ASSIGNOR:

SKRALY, FRANK

DOC DATE: 09/30/1998

ASSIGNOR:

MARTIN, DAVID P.

DOC DATE: 09/30/1998

ASSIGNOR:

PEOPLES, OLIVER P.

DOC DATE: 09/30/1998

ASSIGNEE:

METABOLIX, INC.  
303 THIRD STREET  
CAMBRIDGE, MASSACHUSETTS 02142

FEB 10 1999

SERIAL NUMBER: 09156809

FILING DATE: 09/18/1998

PATENT NUMBER:

ISSUE DATE:

SEARCHED FOR MBX 017  
JSH  
DATE 3-18-99

SHIRLIE SIMON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

10-20-1998



U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

100856759  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

10.13.98

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New  
 Resubmission (Non-Recordation)  
Document ID#   
 Correction of PTO Error  
Reel #  Frame #   
 Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment  Security Agreement  
 License  Change of Name  
 Merger  Other   
U.S. Government  
(For Use ONLY by U.S. Government Agencies)  
 Departmental File  Secret File

**Conveying Party(ies)**



Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (line 1)  Huisman, Gjalt W.

09301998

Name (line 2)

**Second Party**

Name (line 1)  Skraly, Frank  
Name (line 2)

Execution Date

09301998

**Receiving Party**



Mark if additional names of receiving parties attached

Name (line 1)  Metabolix, Inc.



If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)  303 Third Street

Address (line 2)

Address (line 3)  Cambridge  Massachusetts  02142

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

10/19/1998 JSHABAZZ 00000147 09136809

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40.00 OP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number

404 873 8794

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Month  Day  Year

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application

Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

No

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Patrete L. Pabst, Esq.

October 9, 1998

Name of Person Signing

Signature

Date

## CORDATION FORM COVER SHEET

## CONTINUATION

## PATENTS ONLY

U.S. Department of Commerce

Patent and Trademark Office

PATENT

## Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Martin, David P.

Execution Date  
Month Day Year

09301998

Name (line 2)

Name (line 1)

Peoples, Oliver P.

Execution Date  
Month Day Year

09301998

Name (line 2)

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date  
Month Day YearExecution Date  
Month Day YearExecution Date  
Month Day Year

## Receiving Party(ies)

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

## Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)


Patent Number(s)


## ASSIGNMENT

We, Gjalt W. Huisman of 52 Salem Street, Apartment #1F, Boston, Massachusetts 02113, Frank Skraly of 39 Bay State Road, Apartment #5, Boston, Massachusetts 02215, David P. Martin of 33 Hemlock Road, Arlington, Massachusetts 02174 and Oliver P. Peoples of 27 Radcliffe Road, Arlington, Massachusetts 02174, in consideration of Five Dollars and other valuable consideration paid to us by Metabolix, Inc., a Corporation of the Commonwealth of Massachusetts, having its principal place of business at 303 Third Street, Cambridge, Massachusetts 02142, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Metabolix, Inc. its successors and assigns, the entire interest for the United States of America and its territories and all foreign countries and jurisdictions including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in "BIOLOGICAL SYSTEMS FOR MANUFACTURE OF POLYHYDROXYALKANOATE POLYMERS CONTAINING 4-HYDROXYACIDS" described in Application No. 09/156,809 filed in the United States Patent and Trademark Office on September 18, 1998 by Gjalt W. Huisman, Frank Skraly, David P. Martin and Oliver P. Peoples and in all Letters Patent of the United States of America and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuation, continuation-in-part, renewals, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

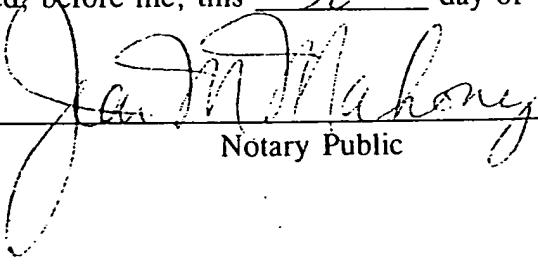
WITNESS my hand and seal this 30<sup>th</sup> day of September, 1998.

  
Gjalt W. Huisman

)  
ss.

COMMONWEALTH OF MASSACHUSETTS  
County of Middlesex

Then personally appeared the above named Gjalt W. Huisman and acknowledged the foregoing instrument to be his free act and deed, before me, this 30 day of September, 1998.

  
Jean M. Mahoney  
Notary Public

JEAN M. MAHONEY  
Notary Public  
My Commission Expires July 8, 2005

Serial No. 09/156,809  
Filed September 18, 1998  
ASSIGNMENT

REC'D 13 1998

WITNESS my hand and seal this 30th day of September, 1998.

Frank Skraly  
Frank Skraly

COMMONWEALTH OF MASSACHUSETTS  
County of Middlesex

)  
ss.

Then personally appeared the above named Frank Skraly and acknowledged the foregoing instrument to be his free act and deed, before me, this 30th day of September, 1998.

JEAN M. MAHONEY  
Notary Public  
My Commission Expires July 8, 2005

Jean M. Mahoney  
Notary Public

WITNESS my hand and seal this 30th day of September, 1998.

David P. Martin  
David P. Martin

COMMONWEALTH OF MASSACHUSETTS  
County of Middlesex

)  
ss.

Then personally appeared the above named David P. Martin and acknowledged the foregoing instrument to be his free act and deed, before me, this 30th day of September, 1998.

JEAN M. MAHONEY  
Notary Public  
My Commission Expires July 8, 2005

Jean M. Mahoney  
Notary Public

Serial No. 09/156,809  
Filed September 18, 1998  
ASSIGNMENT

REC'D 13 1998

WITNESS my hand and seal this 30<sup>th</sup> day of SEPTEMBER 1998.



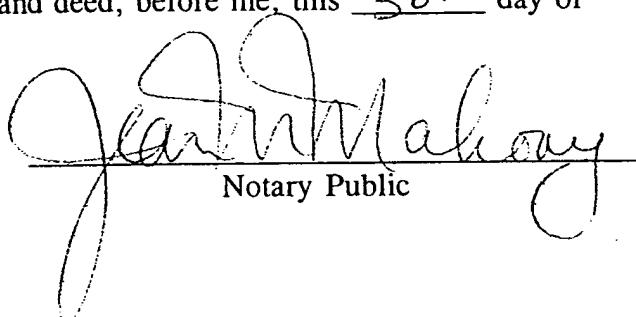
Oliver P. Peoples

COMMONWEALTH OF MASSACHUSETTS  
County of Middlesex

)  
ss.

Then personally appeared the above named Oliver P. Peoples and acknowledged  
the foregoing instrument to be his free act and deed, before me, this 30<sup>th</sup> day of  
September, 1998.

JEAN M. MAHONEY  
Notary Public  
My Commission Expires July 8, 2005

  
Jean M. Mahoney

Notary Public

Applicants: Gjalt W. Huisman, Frank Skraly, David Martin and Oliver Peoples  
Attorney's  
Docket No.: MBX 017

Serial No.: 09/156,809

Filed: September 18, 1998

For: *BIOLOGICAL SYSTEMS FOR MANUFACTURE OF POLYHYDROXYALKANOATE POLYMERS CONTAINING 4-HYDROXYACIDS*

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

the owner of the small business concern identified below:  
 an official of the small business concern empowered to act on behalf of the concern identified below:

Metabolix, Inc.  
303 Third Street  
Cambridge, Massachusetts 02142

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled "BIOLOGICAL SYSTEMS FOR MANUFACTURE OF POLYHYDROXYALKANOATE POLYMERS CONTAINING 4-HYDROXYACIDS" by Gjalt W. Huisman, Frank Skraly, David P. Martin and Oliver P. Peoples described in

the specification filed herewith  
 application serial no. 09/156,809, filed September 18, 1998.  
 patent no. , issued

Serial No.: 09/156,809  
Filed: September 18, 1998  
VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS

901 1 3 1999

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). \*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME  
ADDRESS

NAME  
ADDRESS

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: OLIVER P. PEOPLES  
TITLE OF PERSON OTHER THAN OWNER: VICE PRESIDENT (R&D)  
ADDRESS OF PERSON SIGNING: METABOLIX

John P. Carty  
SIGNATURE

## SIGNATURE

9/30/98

DATE